

8/7/1 (Item 1 from file: 351)  
DIALOG(R) File 351:Derwent WPI  
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004453630

WPI Acc No: 1985-280508/\*198545\*

Cement-based filler-contg. workpiece - uses at least two fillers of  
graded particle size

Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD (MATW )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 60191074	A	19850928	JP 8447676	A	19840313	198545 B

Priority Applications (No Type Date): JP 8447676 A 19840313

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 60191074	A		4		

Abstract (Basic): JP 60191074 A

Inorganic hardened body is produced using common cement having approx. 20 microns of mean particle size and approx. 2500-4000 cm<sup>2</sup>/g of Blaine's value and two or more reactive fillers having different particle size distributions. The reactive fillers are classifiable in two gps. by their size distributions, and one of them i.e., a gp. of larger particle size, contains more than 90wt.% of particles having 10-100 microns in size and another one (i.e., a gp. of smaller particle size) contains more than 90wt.% of particles smaller than 10 microns in size. The two gps. have a wt. ratio of (the former)/(the latter) = 5/1-2/1. The cement is employed not less than 30wt.% on the total.

The cement is Portland cement or slag cement, etc. The filler of larger particle size is fly ash, white clay, diatomaceous earth, etc. The filler of smaller particle size is silicon dust, pulverised fly ash, pulverised silica stone, etc.

ADVANTAGE - Inorganic hardened body of cement having improved mechanical properties is produced by the use of reactive fillers having special particle size distribution.

Derwent Class: L02

International Patent Class (Additional): C04B-038/08

8/7/2 (Item 1 from file: 347)

DIALOG(R) File 347:JAPIO

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MANUFACTURE OF INORGANIC CURED BODY

PUB. NO.: 60-191074 A]

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